SEA PORTS, TERMINALS, AND INTERMODAL FACILITIES

PHYSICAL SECURITY UPGRADE PROGRAM

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Background

- **Improve Situational and Maritime Domain Awareness by using systems approach for the upgrade of a security system and its supporting sub-elements**

- **Security Upgrade Methodology used on seaports and large scale facilities**

- **How to identify project tasks and develop the business case for management**

- **How to identify and implement control measures which are quantifiable by proposed metrics**

- **Advanced security technologies and their applications**

Security solutions that provide.....

- **Access Control**
- **Intrusion Detection**
- **CCTV**
- **Digital Video Recorders**
- **User Identification and Authentication (Smart Cards)**
- **Transaction Non-repudiation**
- **Data Integrity**
- **Data Confidentiality**
- **User Enrollment and Management**

Physical
Security
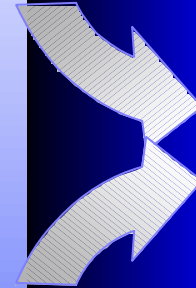
Complete
Security
Solutions

Cyber
Security

Summary

- Best Practices Report provides a comprehensive overview of intermodal transportation and provides guidelines used by both Government and industry in reducing security vulnerabilities

- $92M in Grants and Loans for immediate Port Security upgrades

- Port Vulnerability Assessments required for all 361 Sea Ports

- Passage of the Port Security Act: S 1214

- Enterprise Management Systems must be leveraged in order to provide integrated security approach to maintain information and physical security assurance

- Digital Video and Behavioral Video Systems will make analog recorders and matrix switchers obsolete and will afford intelligent analysis of object movement(s)

- Smart Card technology improves security for physical access, logical access, and provides a secure means for doing business electronically within the transportation community both domestically and overseas